

FIG. 1

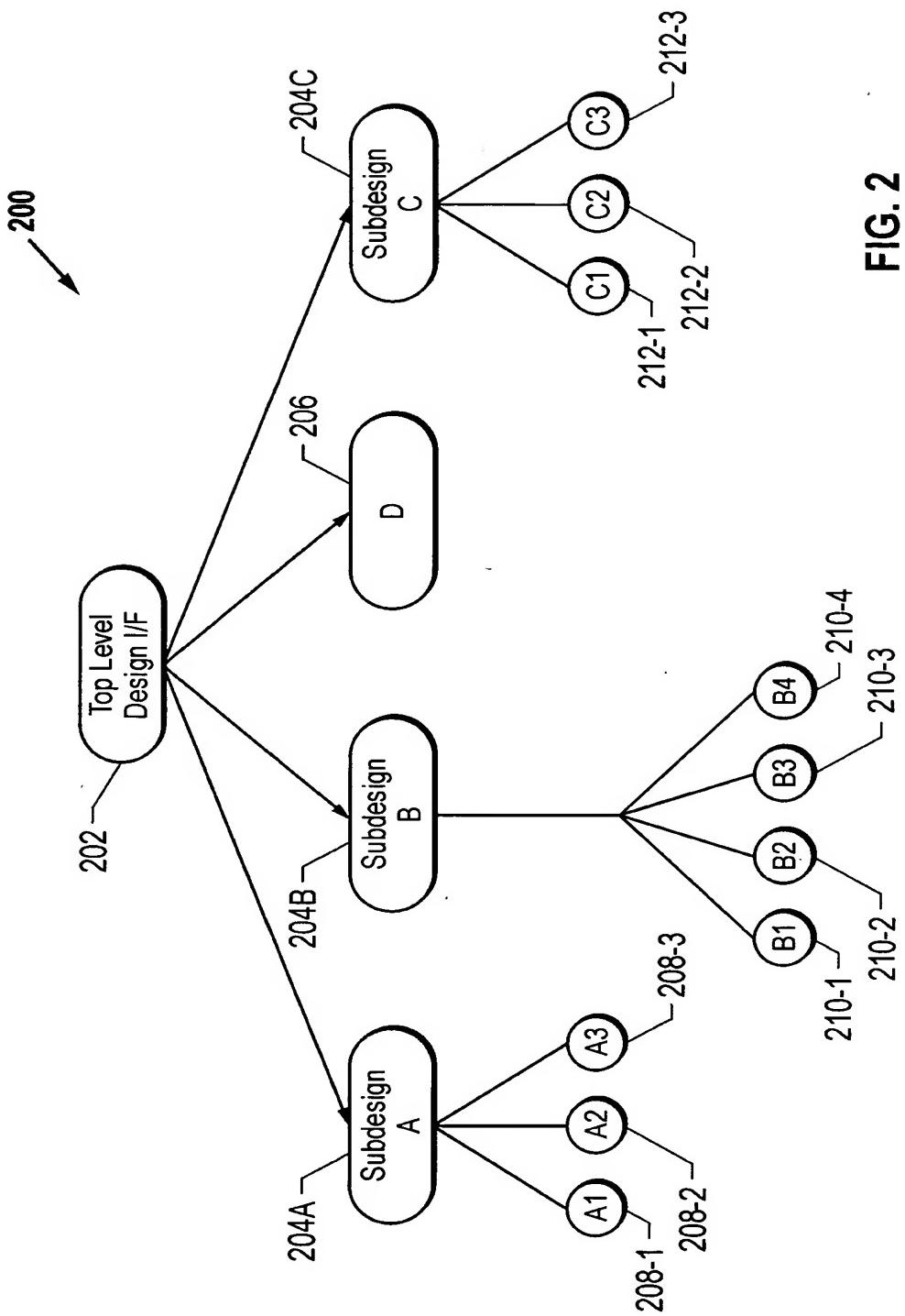


FIG. 2

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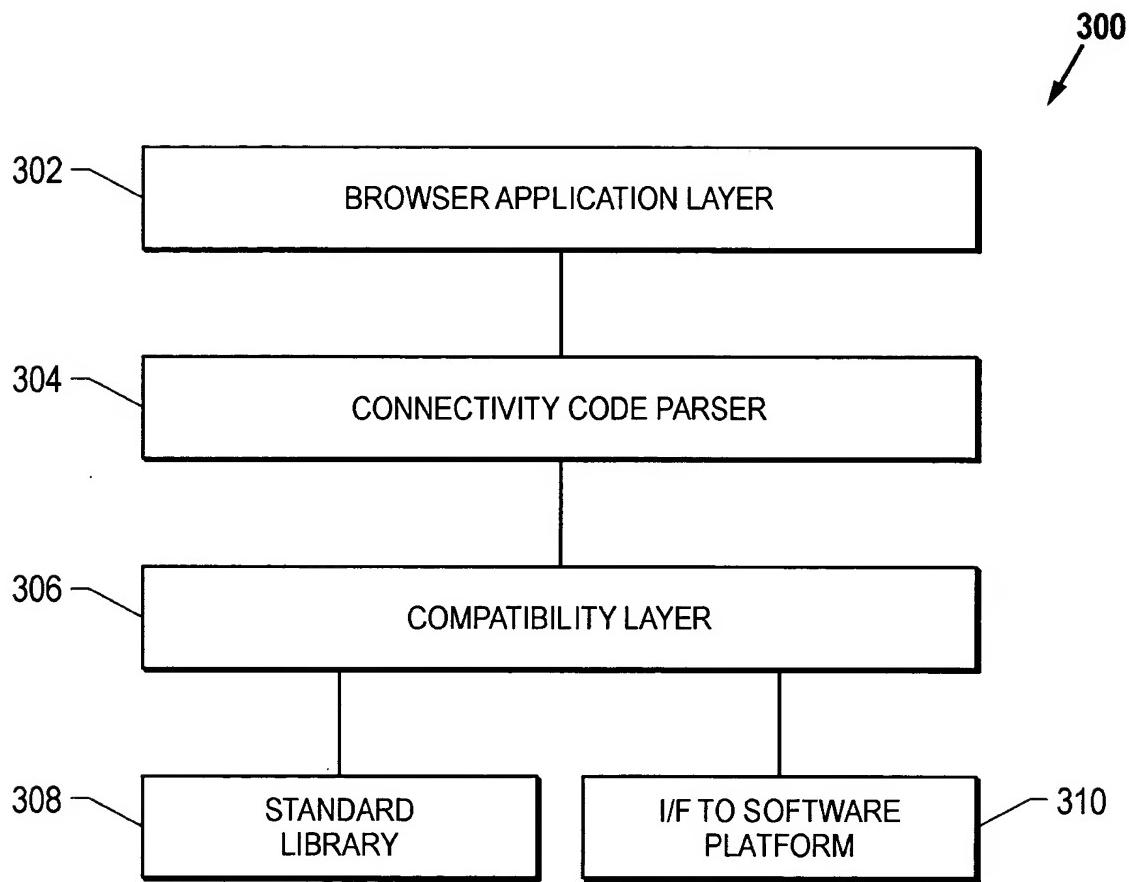
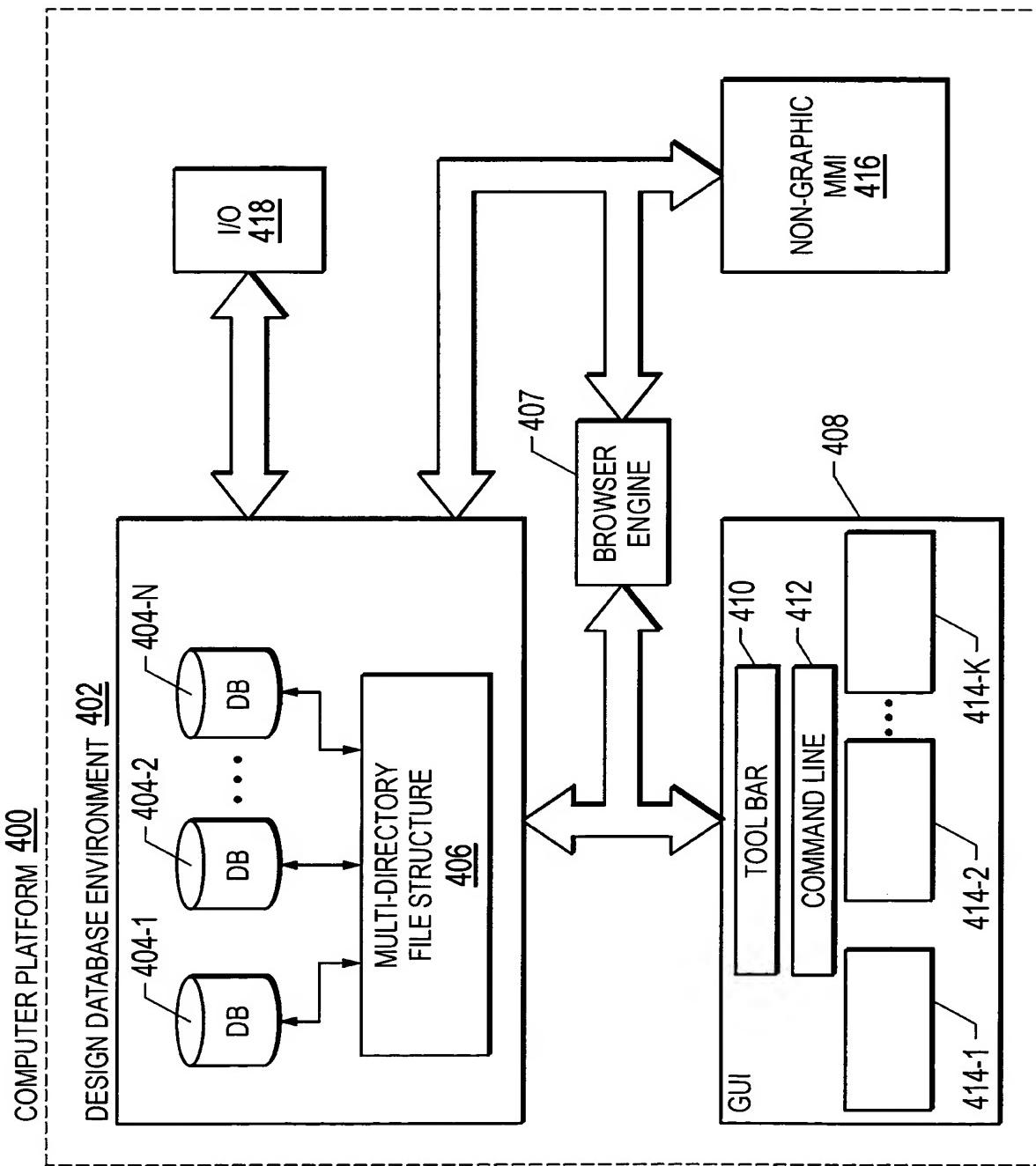


FIG. 3



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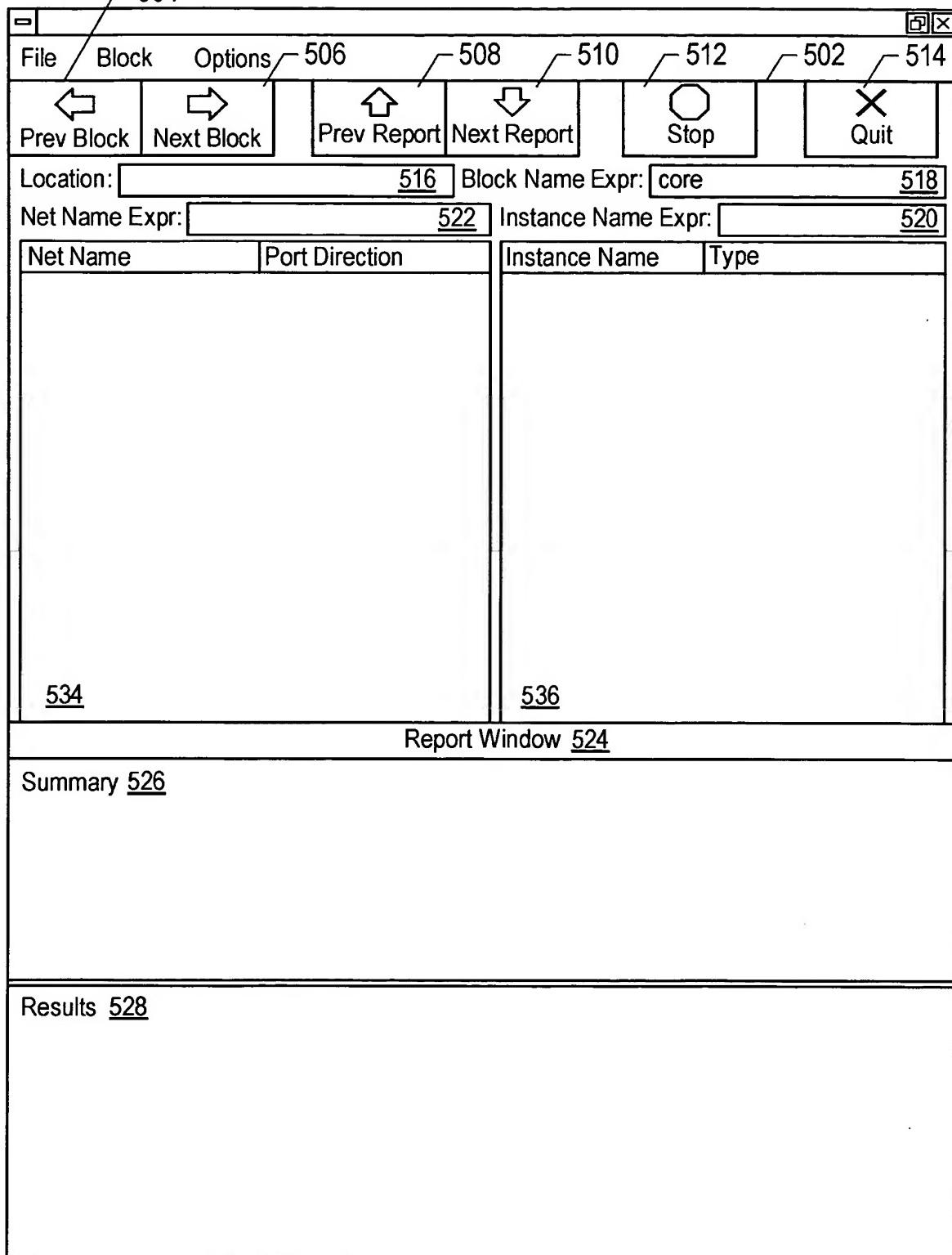


FIG. 5A

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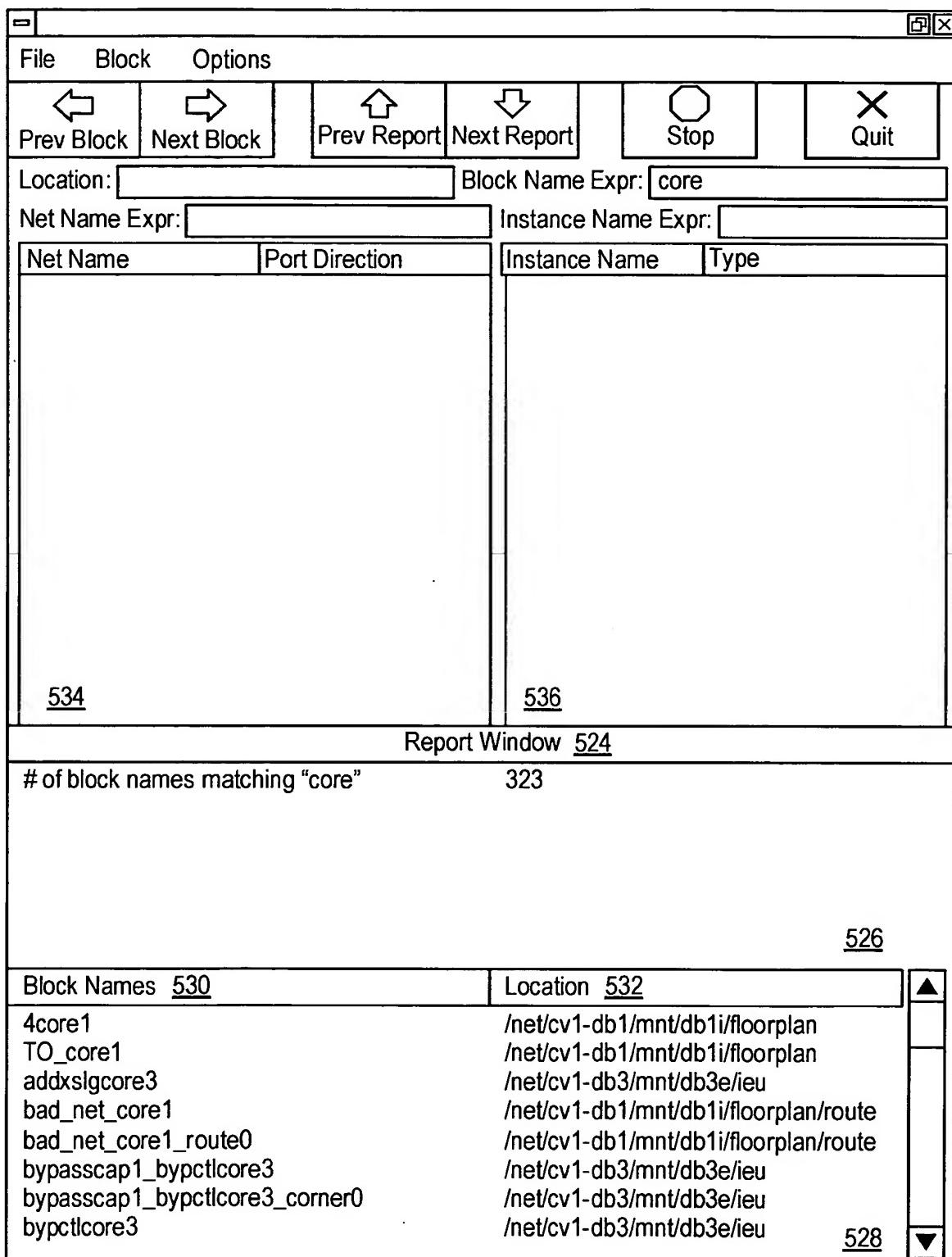


FIG. 5B

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The screenshot shows a software application window with a menu bar (File, Block, Options) and several control buttons (Prev Block, Next Block, Prev Report, Next Report, Stop, Quit). Below these are input fields for Location (bypctlcore3), Block Name Expr (core), Net Name Expr, and Instance Name Expr. Two large tables are displayed side-by-side.

Net Name	Port Direction	Instance Name	Type
dccstalldepth	INPUT	p0src0	bypctlslice6
fpuslrlstallfp2h	INPUT	p0src1	bypctlslice6
ieucp0hassrc0renh	INPUT	p10src1	bypctlslice6
ieucp0hassrc1renh	INPUT	p1src0	bypctlslice6
ieucp0ismmurenh	INPUT	p1src1	bypctlslice6
ieucp10hassrc0renh	INPUT	p2src1	bypctlslice6
ieucp10hassrc1renh	INPUT	p3src0	bypctlslice6
ieucp10ismmurenh	INPUT	p3src1	bypctlslice6
ieucp1hassrc0renh	INPUT	p9src1	bypctlslice6
ieucp1hassrc1renh	INPUT	p2src0	bypctlslice7
ieucp1lsmmurenh	INPUT	p10src0	bypctlslice8
ieucp2hassrc0renh	INPUT	p9src0	bypctlslice8
ieucp2hassrc1renh	INPUT	scan_15c	cma_scinv1_06
ieucp2ls2cycrenh	INPUT	scan_17c	cma_scinv1_06
ieucp2ismmurenh	INPUT	scan_20c	cma_scinv1_06
ieucp3hassrc0renh	INPUT	scan_24c	cma_scinv1_06
ieucp3hassrc1renh	INPUT	p2ls2cycb[0]	cma_scinv1_30
ieucp3ismmurenh	INPUT	p2ls2cycb[1]	cma_scinv1_30

Report Window 524

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FIG. 5C

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File Block Options

Prev Block **Next Block** **Prev Report** **Next Report** **Stop** **Quit**

Location: **bypctlcore3** Block Name Expr: **core**

Net Name Expr: **Instance Name Expr:**

Net Name	Port Direction	Instance Name	Type
dccstalldeth	INPUT	p0src0	bypctlslice6
fpusrlstallfp2h	INPUT	p0src1	bypctlslice6
ieucp0hassrc0renh	INPUT	p10src1	bypctlslice6
ieucp0hassrc1renh	INPUT	p1src0	bypctlslice6
ieucp0ismmurenh	INPUT	p1src1	bypctlslice6
ieucp10hassrc0renh	INPUT	p2src1	bypctlslice6
ieucp10hassrc1renh	INPUT	p3src0	bypctlslice6
ieucp10ismmurenh	INPUT	p3src1	bypctlslice6
ieucp1hassrc0renh	INPUT	p9src1	bypctlslice6
ieucp1hassrc1renh	INPUT	p2src0	bypctlslice7
ieucp1lsmmurenh	INPUT	p10src0	bypctlslice8
ieucp2hassrc0renh	INPUT	p9src0	bypctlslice8
ieucp2hassrc1renh	INPUT	scan_15c	cma_scinv1_06
ieucp2ls2cycreh	INPUT	scan_17c	cma_scinv1_06
ieucp2ismmurenh	INPUT	scan_20c	cma_scinv1_06
ieucp3hassrc0renh	INPUT	scan_24c	cma_scinv1_06
ieucp3hassrc1renh	INPUT	p2ls2cycb[0]	cma_scinv1_30
ieucp3ismmurenh	INPUT	p2ls2cycb[1]	cma_scinv1_30

Report Window 524

Net	dccstalldeth
Port Direction	INPUT
Port Properties	"IN"
DIR	

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Connected To Instance	Port Of That Instance
recsrcsel[0]	dccstalldeth
recsrcsel[1]	dccstalldeth
recsrcsel[2]	dccstalldeth
recsrcsel[3]	dccstalldeth
recsrcsel[4]	dccstalldeth
recsrcsel[5]	dccstalldeth
recsrcsel[6]	dccstalldeth
recsrcsel[7]	dccstalldeth

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FIG. 5D

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Net Name Expr: bypctlcore3 **Block Name Expr:** core

Net Name	Port Direction	Instance Name	Type
dccstalldeth	INPUT	p0src0	bypctlslice6
fpusirstallfp2h	INPUT	p0src1	bypctlslice6
ieucp0hassrc0renh	INPUT	p10src1	bypctlslice6
ieucp0hassrc1renh	INPUT	p1src0	bypctlslice6
ieucp0ismmurenh	INPUT	p1src1	bypctlslice6
ieucp10hassrc0renh	INPUT	p2src1	bypctlslice6
ieucp10hassrc1renh	INPUT	p3src0	bypctlslice6
ieucp10ismmurenh	INPUT	p3src1	bypctlslice6
ieucp1hassrc0renh	INPUT	p9src1	bypctlslice6
ieucp1hassrc1renh	INPUT	p2src0	bypctlslice7
ieucp1lsmmurenh	INPUT	p10src0	bypctlslice8
ieucp2hassrc0renh	INPUT	p9src0	bypctlslice8
ieucp2hassrc1renh	INPUT	scan_15c	cma_scinv1_06
ieucp2ls2cycreh	INPUT	scan_17c	cma_scinv1_06
ieucp2ismmurenh	INPUT	scan_20c	cma_scinv1_06
ieucp3hassrc0renh	INPUT	scan_24c	cma_scinv1_06
ieucp3hassrc1renh	INPUT	p2ls2cycb[0]	cma_scinv1_30
ieucp3ismmurenh	INPUT	p2ls2cycb[1]	cma_scinv1_30

Report Window 524

instance	recsrcsel[0]
Block Type	recsrcsel[1]
Instance Properties	
I_EXTENT	"34.50.42.95.38.00.45.05"
LOCATION	"34.50.42.50"

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Connection To Instance	Port Of That Instance
GND	GND
VDD	VDD
dccstalldeth	dccstalldeth
fpusirstallfp2h	fpusirstallfp2h
leurecsrcseirenh	leurecsrcseirenh[0]
ieuxbfflushwb1h	ieuxbfflushwb1h
spustallexeh	spustallexeh

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FIG. 5E

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File Block Options

Prev Block Next Block Prev Report Next Report Stop X

Location: bypctlcore3 Block Name Expr: core

Net Name Expr: Instance Name Expr:

Net Name	Port Direction	Instance Name	Type
dccstalldeth	INPUT	drv	scinv1_46
fpuslrstallfp2h	INPUT	selhx	scnor3_3
ieuxbflushwb1h	INPUT	spuorxbh	scor2_2
spustallexeuh	INPUT		
laureccsrcselrenh	OUTPUT		
GND	IMPLICIT		
VDD	IMPLICIT		
recsrcselrenhx			
spuorxbh			

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Report Window 524

Net	dccstalldeth
Port Direction	INPUT
Port Properties	
DIR	"IN"

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Connected To Instance	Port Of That Instance
selhx	a

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FIG. 5F

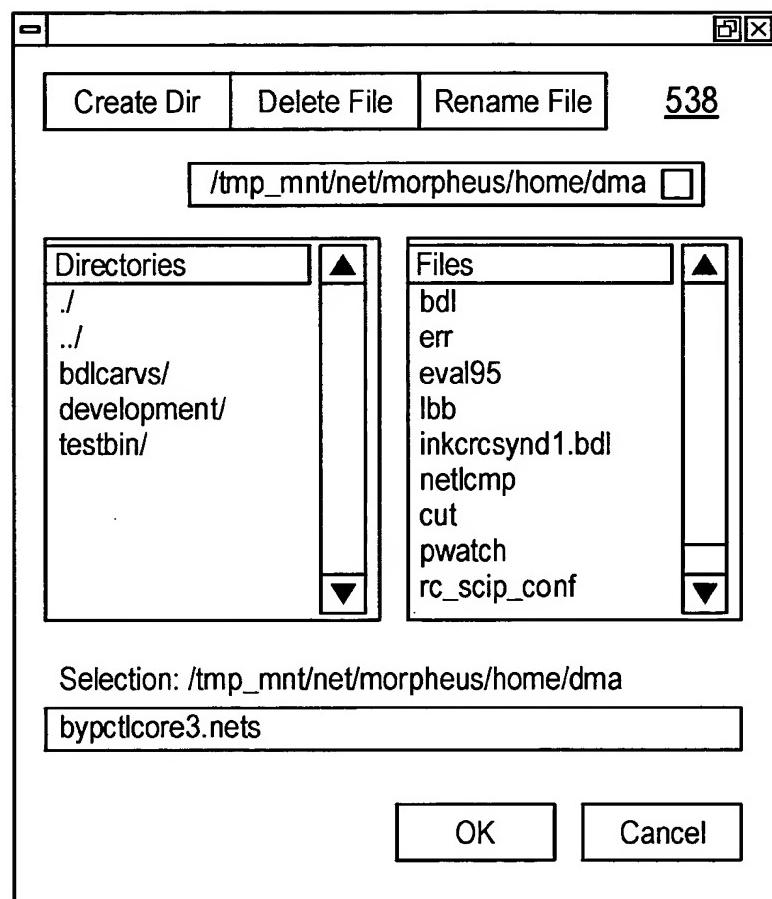


FIG. 5G

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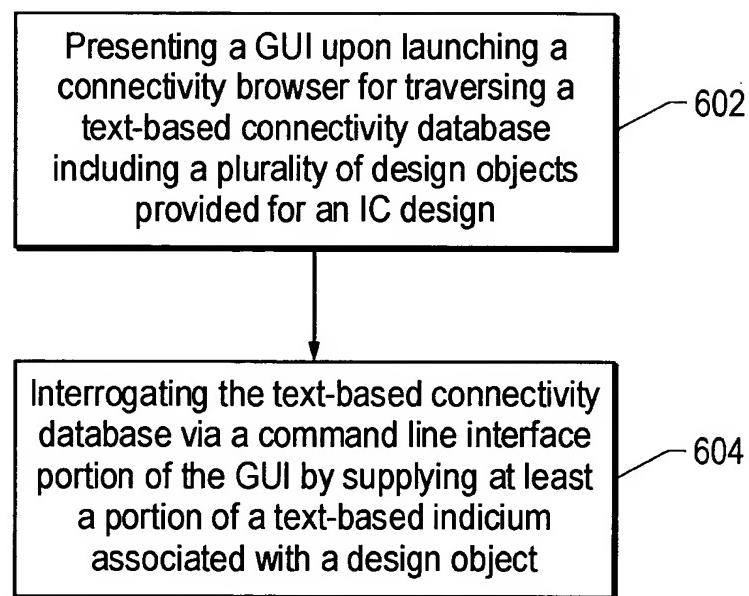


FIG. 6